

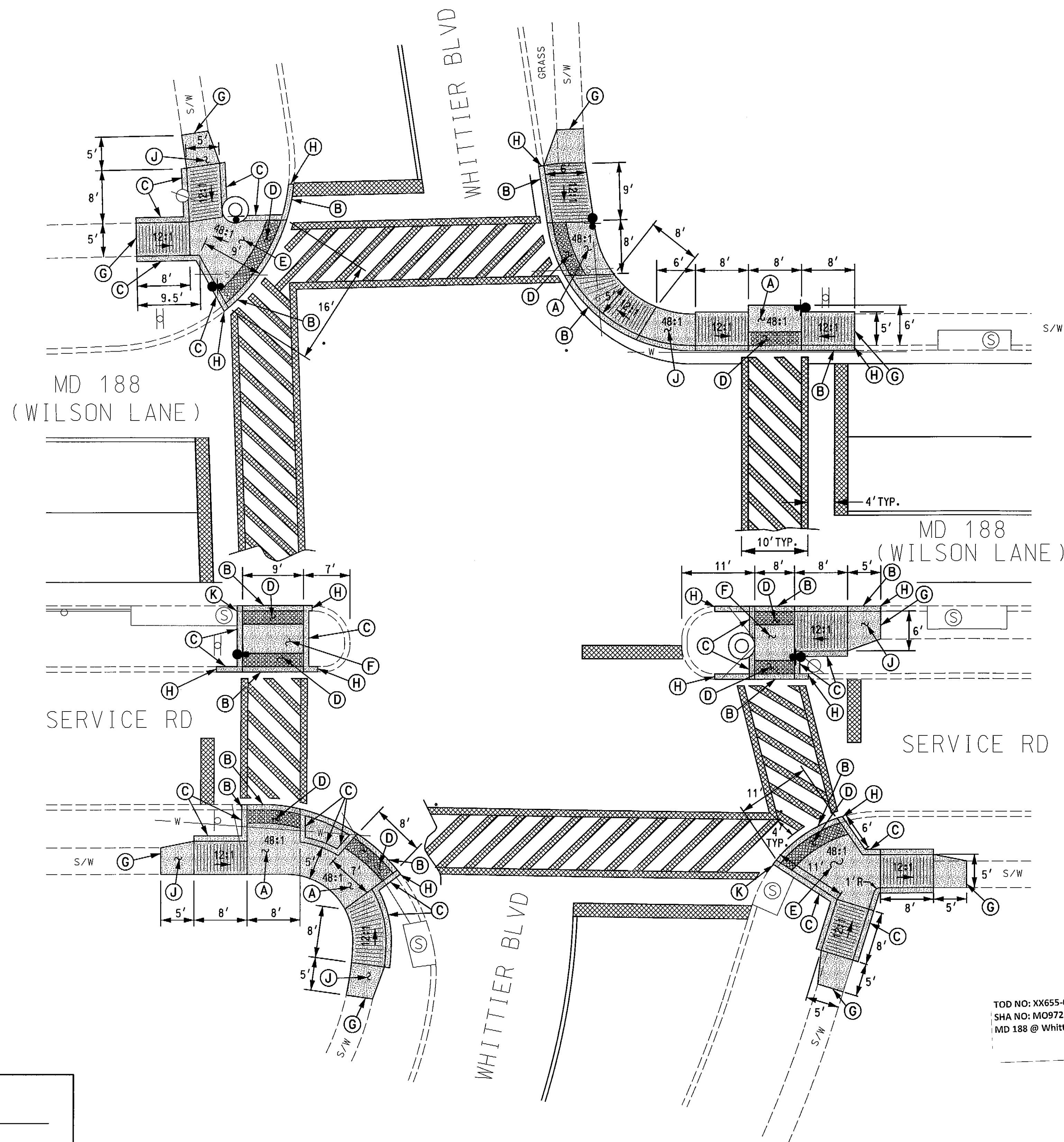
DRILL HOLES

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BORDER REV: DATE: June 1, 2004

MD 188 IS ASSUMED TO RUN
IN AN EAST/WEST DIRECTION



TOD NO: XX655-04
SHA NO: MO972B54
MD 188 @ Whittier Boulevard

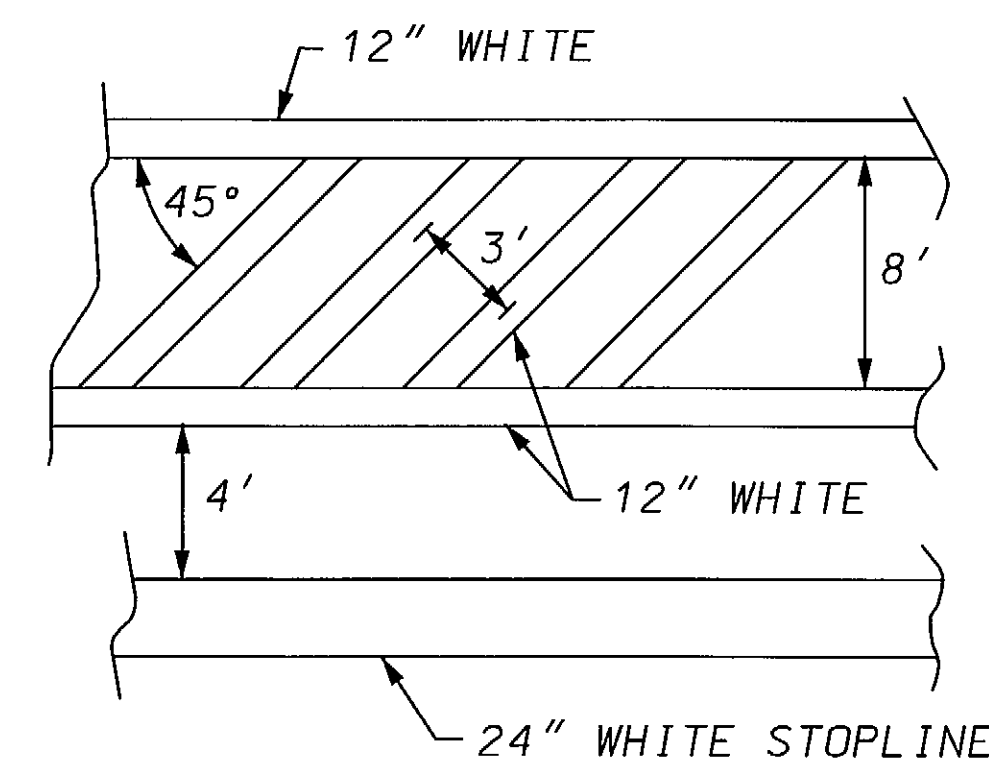
APS NOTES:

1. Pushbuttons are to be located so that they can be activated by a person in a wheelchair reaching less than 18" from a 60"x 60" level landing area with a cross slope of less than or equal to 2%.
2. The 10' separation between pushbuttons is to be measured from face of pushbutton, not center to center of pole.
3. Pushbutton arrows are to be parallel to the crossing for which they are intended.
4. Location of accessible pedestrian signal pushbuttons must meet location requirements of MUTCD Sec. 4E.09 and Fig. 4E.2, and the NCHRP publication, "Accessible Pedestrian Signals: Guide To Best Practice". If not met, the contractor is to stop work on pushbutton locations until a design waiver is obtained, approved by the director, Office Of Traffic and Safety.
5. APS will function as follows:
TO CROSS WILSON LANE
a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross Wilson at Whittier wait."
b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.
TO CROSS WHITTIER BLVD
a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross Whittier at Wilson wait."
b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.

CONSTRUCTION DETAILS

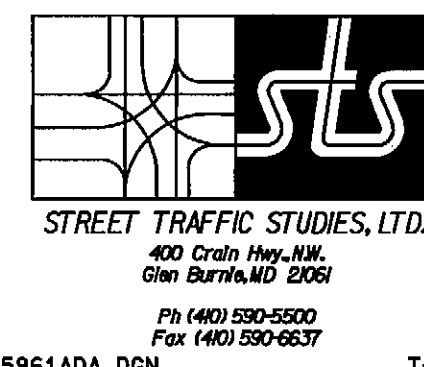
- A. Install parallel sidewalk ramp (Std No. MD 655.12).
- B. Install standard Type 'A' combination curb and gutter (Standard No. MD 620.02)
- C. Install 8" curb as shown.
- D. Install detectable warning surface (Std NO. MD 655.40).
- E. Install sidewalk ramp combination (Std No. MD 655.13).
- F. Install median cut-through (Std No. MD 655.21).
- G. Tie in ramp with existing sidewalk at joint.
- H. Tie new curb to existing curb at joint.
- J. Install sidewalk section as shown.
- K. Install curb against existing storm drain inlet.

CROSSWALK / CROSSHATCH TYPICAL SCALE: 1"= 5'



GEOMETRIC LEGEND

PROPOSED SIDEWALK / CURB
EXISTING SIDEWALK / CURB
PROPOSED SIDEWALK / ADA RAMP / CURB
NOTE:
SIDEWALK JOINTS ARE APPROXIMATE



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 188 (WILSON LANE)
AND WHITTIER BLVD
BETHESDA, MARYLAND

ADA RAMP DETAIL PLAN

SCALE 1"= 10' DATE 6/30/2011 CONTRACT NO.

DESIGNED BY R R ZACHERL COUNTY MONTGOMERY
DRAWN BY W J NIES LOGMILE 15018801.56
CHECKED BY F.A.P. NO. TIMS NO. K439
TOD NO.

TS NO. 40E DRAWING NO. 2 OF 3 SHEET NO. OF